

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Satoru MIYASHITA et al.

Application No.: 09/101,083

Filed: July 8, 1998

Group Art Unit: 1773

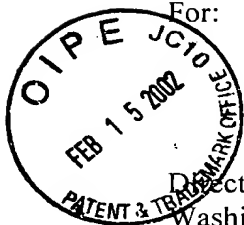
Examiner: D. Lawrence Tarazano

Docket No.: 101050

For: METHOD OF MANUFACTURING ORGANIC EL ELEMENT,  
ORGANIC EL ELEMENT, AND ORGANIC EL DISPLAY DEVICE

SEVENTH INFORMATION DISCLOSURE STATEMENT

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231



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Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

☒ 1. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Attached is our Check No. 127851 in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p). Please credit or debit Deposit Account No. 15-0461 as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.

☒ a. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

☒ 2. English-language abstracts of the non-English language references are attached hereto.

Respectfully submitted,

James A. Oliff  
Registration No. 27,075

Eric D. Morehouse  
Registration No. 38,565

02/21/2002 MAHMED1 00000045 09101083

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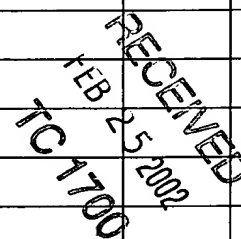
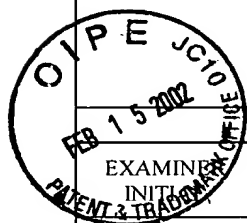
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OLIFF & BERRIDGE, PLC  
P.O. Box 19928  
Alexandria, Virginia 22320  
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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 101050		APPLICATION NO. 09/101,083	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT(S) Satoru MIYASHITA et al.			
				FILING DATE July 8, 1998		GROUP 1773	
U.S. PATENT DOCUMENTS							
EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
		5,132,248	07/21/92	DRUMMOND et al.			
		5,214,350	05/25/93	REMEC et al.			
		5,276,380	01/04/94	TANG			
		5,326,692	07/05/94	BRINKLEY et al.			
		5,593,788	01/14/97	SHI et al.			
		5,610,932	03/11/97	KESSLER et al.			
		5,854,139	12/29/98	ARATANI et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
		JP-A-62-31174 (w/English abstract)	02/10/87	Japan			
		JP-A-62-85224 (w/English abstract)	04/18/87	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
		LEWIS, Richard J., <i>Hawley's Condensed Chemical Dictionary</i> , Thirteenth Edition, 1997, pp. 820 & 900-901.					
		MORRISON, Robert et al., <i>Organic Chemistry</i> , Fifth Edition, 1987, p. 637.					
		BUDAVARI, Susan et al., <i>The Merck Index An Encyclopedia of Chemicals, Drugs, and Biologicals</i> , Twelfth Edition, 1996, p. 357.					
		ADACHI, Chihaya et al., "Blue light-emitting organic electroluminescent devices", <i>Appl. Phys. Lett.</i> , Vol. 56, No. 9, February 26, 1990, pp. 799-801.					
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		WU, C.C. et al., "Integrated three-color organic light-emitting devices", <i>Appl. Phys. Lett.</i> , Vol. 69, No. 21, November 18, 1996, pp. 3117-3119.					
		ZHANG, C. et al., "Blue emission from polymer light-emitting diodes using non-conjugated polymer blends with air-stable electrodes", <i>Synthetic Metals</i> , Vol. 72, 1995, pp. 185-188.					
		ISHIMARU, N. et al., "Development of Color Filters by Pigment Ink Jet Printing (II) (-Production Technology-), <i>SID</i> , 1997, pp. 69-72.					
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)			
EBISAWA, F. et al., "Electrical Properties of polyacetylene/polysiloxane interface", <i>J. Appl. Phys.</i> , Vol. 54, No. 6, June 1983, pp. 3255-3259.			
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